

RESISTANCE CONTROLLED RELAY MODULE FCRY 3-R

FCRY 3-R is a relay module that converts 3...7 k Ω input into relay outputs. FCRY 3-R can control a fan coil (fan speed) for example.

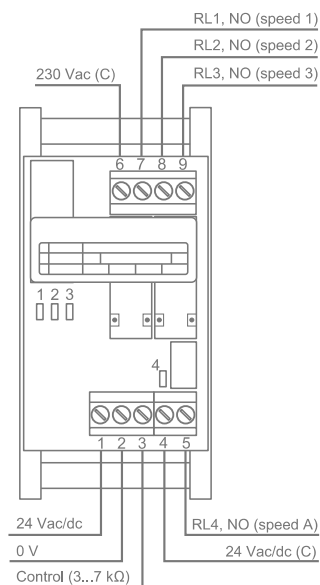
Contact relays are controlled by different resistance levels. Relays are interlocked so that only one relay (RL1, RL2, RL3 or RL4) can be active at a time. The active relay is indicated by an indicator light (1, 2, 3 or 4).

FCRY 3-R can be controlled with TEHR sensors and transmitters that are equipped with S5R or S5K switch. The relay activation resistances are the default resistance values of the S5R/S5K option.

| Relay | A <3.2 k Ω | 0 4 k Ω ±5% | 1 5 k Ω ±5% | 2 6 k Ω ±5% | 3 >7 k Ω |
|-------|----------------------|-----------------------|-----------------------|-----------------------|--------------------|
| RL1 | | | X | | |
| RL2 | | | | X | |
| RL3 | | | | | X |
| RL4 | X | | | | |

IMPORTANT: The device must be installed inside a suitable housing that cannot be opened without using tools.

Wiring:



Technical data:

| | |
|------------------------|----------------------------|
| Supply | 24 Vac/dc, 1.5 VA |
| Input | 3...7 k Ω |
| Relay contacts | |
| RL1...RL3 | 230 Vac, 8 A res. |
| RL4 | 24 Vac/dc, 60 V 0.3 A res. |
| Housing | IP20, for 35 mm DIN rail |
| Dimensions (w x h x d) | 45 x 92 x 51mm |

Ordering guide:

| Model | Product number | Description |
|----------|----------------|--|
| FCRY 3-R | 1183080 | 3...7 k Ω relay module for controlling fan coil |

Product fulfill the requirements of directives 73/23/EEC and 2004/108/EC and are in accordance with the standards EN60947, EN61000-6-2001: 6 (Emission) and EN61000-3-2001: 2 (Immunity).